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LIAMOS W789A-6

User Manual

Solar Lights Outdoor

Model: W789A-6 | Brand: LIAMOS

Introduction

Thank you for choosing the LIAMOS Solar Lights Outdoor, Model W789A-6. This manual provides essential information for the proper installation, operation, and maintenance of your new solar street lamp. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

Safety Instructions

- Ensure the product is installed in a location where it receives direct sunlight for at least 6-8 hours daily to maximize charging efficiency.
- Do not disassemble or modify the product. Unauthorized modifications can lead to malfunction, electric shock, or fire, and will void the warranty.
- Keep the solar panel clean and free from dust, snow, or debris to ensure efficient charging.
- Avoid placing the light near strong light sources at night, as this may interfere with the automatic light sensor and prevent the lamp from turning on.
- This product is designed for outdoor use and is resistant to various weather conditions. However, avoid submerging it in water.
- Handle the product with care during installation to prevent damage.

Package Contents

Please check the package to ensure all components are present:

- 1 x LIAMOS Solar Street Lamp (Model W789A-6)
- 1 x Mounting Arm/Bracket
- 1 x Set of Mounting Screws and Anchors
- 1 x Remote Control (if included with your specific model)

- 1 x User Manual (this document)

Product Overview

The LIAMOS Solar Street Lamp features a robust design for outdoor lighting. Key components include:

- **Solar Panel:** Converts sunlight into electricity to charge the internal battery.
- **LED Light Array:** High-efficiency LED bulbs provide bright illumination.
- **Motion Sensor (PIR):** Detects movement to activate full brightness (if applicable).
- **Light Sensor:** Automatically turns the light on at dusk and off at dawn.
- **Mounting Bracket:** For secure installation on walls or poles.



Figure 1: Front view of the LIAMOS Solar Street Lamp, showing the LED array and control panel.



Figure 2: Two LIAMOS Solar Street Lamps, illustrating the remote control and sensor receptor details.



Figure 3: Top view of the LIAMOS Solar Street Lamp, highlighting the integrated solar panel.



Figure 4: The LIAMOS Solar Street Lamp installed on a wall, demonstrating its outdoor application.

Setup and Installation

The LIAMOS Solar Street Lamp is designed for easy installation. Follow these steps:

1. **Choose Location:** Select an outdoor location that receives maximum direct sunlight throughout the day (at least 6-8 hours) to ensure optimal battery charging. Avoid areas under trees, eaves, or other obstructions that might block sunlight.
2. **Mark Drilling Points:** Hold the mounting bracket against the desired installation surface (wall or pole) and mark the positions for drilling holes.
3. **Drill Holes:** Use an appropriate drill bit to drill holes at the marked positions. Insert wall anchors if installing on masonry or concrete.
4. **Attach Bracket:** Secure the mounting bracket to the surface using the provided screws.
5. **Mount Lamp:** Attach the solar street lamp to the mounted bracket. Ensure it is securely fastened. Adjust the angle of the lamp if necessary to optimize light coverage and solar panel exposure.
6. **Initial Charge:** Allow the solar light to charge for at least 1-2 full sunny days before its first use to ensure the battery is fully charged.

Operating Instructions

The LIAMOS Solar Street Lamp operates automatically:

- **Automatic Operation:** The built-in light sensor will detect ambient light levels. The lamp will automatically turn on at dusk and turn off at dawn.
- **Charging:** During the day, the solar panel converts sunlight into electricity and stores it in the internal battery.
- **Remote Control (if applicable):** If your model includes a remote control, it can be used to manually turn the light on/off, adjust brightness, or set specific lighting modes (e.g., constant light, motion sensor mode, timer functions). Refer to the remote control's specific button functions for detailed operation.

Maintenance

Regular maintenance ensures the longevity and efficiency of your solar light:

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Inspect Connections:** Occasionally check the mounting screws and connections to ensure they remain secure, especially after strong winds or storms.
- **Battery Care:** The internal battery is designed for long-term use. Avoid prolonged periods of non-use in direct sunlight without charging, as this can reduce battery life.

Troubleshooting

If your solar light is not functioning as expected, try the following solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight for charging.	Relocate the lamp to an area with more direct sunlight. Ensure the solar panel is clean.
Light is dim or only stays on for a short time.	Battery not fully charged or aging battery.	Ensure the solar panel is clean and receives full sunlight. Allow 1-2 full sunny days for charging. If the problem persists after several years, the battery may need replacement (contact manufacturer for service).
Light turns off prematurely.	External light source interfering with sensor.	Ensure no other strong light sources (e.g., streetlights, porch lights) are shining directly on the solar light's sensor at night.
Light flickers.	Loose connection or low battery.	Check all connections. Allow the battery to fully charge.

Specifications

Model	W789A-6
Brand	LIAMOS
Size	50M (Note: This refers to the lighting coverage area, not physical dimensions)
Style	Modern Style
Light Source	LED Bulbs (504LED)
Body Material	ABS
Voltage	6V
Power Source	Solar
Item Weight	50 Grams
Assembly Required	No
Included Components	Battery
Intended Use	Garden, Street, Backyard, Garage, Balcony, Side Walls

Warranty and Support

For warranty information and customer support, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.
For technical assistance or inquiries, please reach out to LIAMOS customer service through their official website or the platform where the product was purchased.

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